



# STIC EIC 3600 Search Request Form

Today's Date:	Class/Subclass	What date would you like to use to limit the search?
		Priority Date: Other:

Name <u>SON NGUYEN</u>	Format for Search Results (Circle One): PAPER      DISK      EMAIL
AU <u>3643</u> Examiner # <u>76032</u>	Where have you searched so far?
Room # <u>4A25</u> Phone <u>2-6889</u>	USP DWPI EPO JPO ACM IBM TDB
Serial # <u>10/075096</u>	IEEE INSPEC SPI Other _____

Is this a "Fast & Focused" Search Request? (Circle One) YES NO  
A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC3600 and on the EIC3600 NPL Web Page at <http://ptoweb/patents/stic/stic-tc3600.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

STIC Searcher _____	Phone _____
Date picked up _____	Date Completed _____



10/075096

File 351:Derwent WPI 1963-2006/UD,UM &UP=200616  
(c) 2006 Thomson Derwent  
File 433:Charleston Newspapers 1997-2006/Mar 08  
(c) 2006 Charleston Newspapers  
File 440:Current Contents Search(R) 1990-2006/Mar 09  
(c) 2006 Inst for Sci Info  
File 471:New York Times Fulltext 1980-2006/Mar 09  
(c) 2006 The New York Times  
File 477:Irish Times 1999-2006/Mar 09  
(c) 2006 Irish Times  
File 483:Newspaper Abs Daily 1986-2006/Mar 07  
(c) 2006 ProQuest Info&Learning  
File 484:Periodical Abs Plustext 1986-2006/Mar W1  
(c) 2006 ProQuest  
File 488:Duluth News-Tribune 1995-2006/Mar 08  
(c) 2006 Duluth News-Tribune  
File 489:The News-Sentinel 1991-2006/Mar 08  
(c) 2006 Ft. Wayne Newspapers, Inc  
File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06  
(c) 2002 Phoenix Newspapers  
File 494:St LouisPost-Dispatch 1988-2006/Mar 08  
(c) 2006 St Louis Post-Dispatch  
File 619:Asia Intelligence Wire 1995-2006/Mar 08  
(c) 2006 Fin. Times Ltd  
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Mar 08  
(c) 2006 The Gale Group  
File 631:Boston Globe 1980-2006/Mar 08  
(c) 2006 Boston Globe  
File 633:Phil.Inquirer 1983-2006/Mar 07  
(c) 2006 Philadelphia Newspapers Inc  
File 634:San Jose Mercury Jun 1985-2006/Mar 08  
(c) 2006 San Jose Mercury News  
File 636:Gale Group Newsletter DB(TM) 1987-2006/Mar 08  
(c) 2006 The Gale Group  
File 641:Rocky Mountain News Jun 1989-2006/Mar 09  
(c) 2006 Scripps Howard News  
File 654:US Pat.Full. 1976-2006/Mar 07  
(c) Format only 2006 Dialog  
File 701:St Paul Pioneer Pr Apr 1988-2006/Feb 26  
(c) 2006 St Paul Pioneer Press  
File 702:Miami Herald 1983-2006/Mar 08  
(c) 2006 The Miami Herald Publishing Co.  
File 704:(Portland)The Oregonian 1989-2006/Mar 08  
(c) 2006 The Oregonian  
File 707:The Seattle Times 1989-2006/Mar 08  
(c) 2006 Seattle Times  
File 709:Richmond Times-Disp. 1989-2006/Mar 04  
(c) 2006 Richmond Newspapers Inc  
File 713:Atlanta J/Const. 1989-2006/Mar 09  
(c) 2006 Atlanta Newspapers  
File 714:(Baltimore) The Sun 1990-2006/Mar 09  
(c) 2006 Baltimore Sun  
File 716:Daily News Of L.A. 1989-2006/Mar 08  
(c) 2006 Daily News of Los Angeles  
File 718:Pittsburgh Post-Gazette Jun 1990-2006/Mar 09  
(c) 2006 PG Publishing  
File 720:(Columbia) The State Dec 1987-2006/Mar 08  
(c) 2006 The State  
File 722:Cincinnati/Kentucky Post 1990-2006/Feb 02

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

(c) 2006 The Cincinnati Post  
File 725:(Cleveland)Plain Dealer Aug 1991-2006/Mar 08  
(c) 2006 The Plain Dealer

Set	Items	Description
S1	238	(ROOT OR ROOTS) (5N) (TRAP? OR CAPTURE? OR HOLD? OR BIND?) (5-N) (PLANTS OR TREE OR FLOWERS OR SEEDLING? OR ROSES OR BUSHES - OR SHRUBS) (5N) (MATERIAL OR FABRIC OR CLOTH OR PLASTIC OR POYE-STER OR POLYPROPYLENE OR FIBER OR FIBRE OR FIBERS)
S2	212	RD (unique items)
S3	40	S2/2004:2005
S4	172	S2 NOT S3
S5	145	S4 (15N) (TRAP? OR HOLD? OR CONTAIN?)
S6	5	S5 (10N) (IMPENETRAB? OR IMPERMEA?)
S7	17	S5/2003
S8	128	S5 NOT S7
S9	4	S8 (7N) LAYER?

? log

09mar06 16:37:34 User258385 Session D4377.6  
\$1.41 0.239 DialUnits File5  
\$0.48 3 Type(s) in Format 95 (KWIC)  
\$0.48 3 Types  
\$1.89 Estimated cost File5  
\$0.61 0.112 DialUnits File9  
\$0.61 Estimated cost File9  
\$1.65 0.305 DialUnits File16  
\$1.65 Estimated cost File16  
\$1.03 1.033 DialUnits File20  
\$2.90 2 Type(s) in Format 3  
\$2.90 2 Types  
\$3.93 Estimated cost File20  
\$0.56 0.090 DialUnits File24  
\$0.56 Estimated cost File24  
\$6.25 0.266 DialUnits File34  
\$6.25 Estimated cost File34  
\$0.88 0.164 DialUnits File47  
\$10.80 9 Type(s) in Format 3  
\$10.80 9 Types  
\$11.68 Estimated cost File47  
\$0.85 0.186 DialUnits File50  
\$8.00 4 Type(s) in Format 3  
\$2.00 1 Type(s) in Format 7  
\$10.00 5 Types  
\$10.85 Estimated cost File50  
\$0.84 0.095 DialUnits File71  
\$0.84 Estimated cost File71  
\$0.76 0.173 DialUnits File88  
\$0.21 1 Type(s) in Format 95 (KWIC)  
\$0.21 1 Types  
\$0.97 Estimated cost File88  
\$0.26 0.061 DialUnits File98  
\$1.45 1 Type(s) in Format 3  
\$1.45 1 Types  
\$1.71 Estimated cost File98  
\$1.09 0.181 DialUnits File103  
\$1.80 1 Type(s) in Format 3  
\$1.80 1 Types  
\$2.89 Estimated cost File103  
\$0.20 0.044 DialUnits File104

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

t 6/3,k/all

6/3,K/1 (Item 1 from file: 340)  
DIALOG(R)File 340:CLAIMS(R)/US Patent  
(c) 2006 IFI/CLAIMS(R). All rts. reserv.

10334987 2003-0079401  
M/ROOT GROWTH BARRIER AND METHOD  
Inventors: Whitcomb Carl E (US)  
Assignee: Unassigned Or Assigned To Individual  
Assignee Code: 68000  
Probable Assignee: Lacebark Inc  
Attorney, Agent or Firm: STREETS & STEELE Suite 355, 13831 Northwest  
Freeway, Houston, TX, 77040, US

	Publication Number	Kind	Date	Application Number	Date
Priority Applic:	US 20030079401	A1	20030501	US 200175096	20011029
				US 200175096	20011029

Abstract: A root growth barrier and method for use with transplantable plants is provided. The barrier is a bilayer, comprising an inner layer of a root -tip- trapping material bonded to an outer layer of a root-impenetrable material . The inner layer faces the roots of a plant and serves to trap root...

6/3,K/2 (Item 1 from file: 342)  
DIALOG(R)File 342:Derwent Patents Citation Indx  
(c) 2006 Thomson Derwent. All rts. reserv.

06258181 WPI Acc No: 03-635090/60  
Root growth barrier as freestanding container for plants, comprises layer of root-tip-trapping material bonded to layer of root-impenetrable material

Patent Assignee: (WHIT/) WHITCOMB C E  
Author (Inventor): WHITCOMB C E  
Patent (basic)  
Patent No Kind Date Examiner Field of Search  
US 2003079401 A1 030501 (BASIC)  
Derwent Week (Basic): 0360  
Priority Data: US 75096 (011029)  
Applications: US 75096 (011029)  
Derwent Class: A97; F08; P13  
Int Pat Class: A01G-013/02  
Number of Patents: 001  
Number of Countries: 001  
Number of Cited Patents: 000  
Number of Cited Literature References: 000  
Number of Citing Patents: 001

6/3,K/3 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

00801826  
Distillation irrigation apparatus

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

Destillations- und Bewässerungsapparat  
Appareil de distillation et d'irrigation

PATENT ASSIGNEE:

ISHIMOTO AGRI-TECH RESEARCH Corp., (2140910), 2-1-18, Nihonbashi,  
Chuo-ku, Tokyo 103, (JP), (applicant designated states: DE;FR)

INVENTOR:

Ishimoto, Shoichi, 2-1-18, Nihonbashi, Chuo-ku, Tokyo 103, (JP)

LEGAL REPRESENTATIVE:

Laufhutte, Dieter, Dr.-Ing. et al (61841), Lorenz-Seidler-Gossel  
Widenmayerstrasse 23, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 745321 A1 961204 (Basic)  
EP 745321 B1 980909

APPLICATION (CC, No, Date): EP 96107705 960514;

PRIORITY (CC, No, Date): JP 95159887 950602

DESIGNATED STATES: DE; FR

INTERNATIONAL PATENT CLASS (V7): A01G-025/00;

ABSTRACT WORD COUNT: 115

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9837	1130
CLAIMS B	(German)	9837	1038
CLAIMS B	(French)	9837	1237
SPEC B	(English)	9837	6262
Total word count - document A			0
Total word count - document B			9667
Total word count - documents A + B			9667

...SPECIFICATION power and the like. In other words, the distilled water is efficiently fed to the roots of plants without using electric power or the like.

According to means (2), a water- holding material is laid in soil so as to feed the distilled water to the roots of plants . Preferably, an impermeable film is laid under the water- holding material .

This means enables a required amount of water to be fed to plants and enhances...

6/3,K/4 (Item 1 from file: 351)

DIALOG(R) File 351:Derwent WPI

(c) 2006 Thomson Derwent. All rts. reserv.

015572933 \*\*Image available\*\*

WPI Acc No: 2003-635090/200360

Related WPI Acc No: 2004-718525

XRAM Acc No: C03-173537

XRPX Acc No: N03-505094

Root growth barrier as freestanding container for plants, comprises layer of root-tip-trapping material bonded to layer of root-impenetrable material

Patent Assignee: WHITCOMB C E (WHIT-I)

Inventor: WHITCOMB C E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030079401	A1	20030501	US 200175096	A	20011029	200360 B

Priority Applications (No Type Date): US 200175096 A 20011029

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20030079401 A1 9 A01G-013/02

Root growth barrier as freestanding container for plants , comprises  
layer of root -tip- trapping material bonded to layer of root -  
impenetrable material

6/3,K/5 (Item 1 from file: 654)  
DIALOG(R) File 654:US Pat.Full.  
(c) Format only 2006 Dialog. All rts. reserv.

0005227073 \*\*IMAGE Available  
Derwent Accession: 2003-635090  
Root growth barrier and method  
Inventor: Carl Whitcomb, INV  
Correspondence Address: STREETS & STEELE Suite 355, 13831 Northwest Freeway  
, Houston, TX, 77040, US

	Publication Number	Kind	Date	Application Number	Filing Date
	-----	--	-----	-----	-----
Main Patent	US 20030079401	A1	20030501	US 200175096	20011029

Fulltext Word Count: 7950

Abstract:

A root growth barrier and method for use with transplantable plants  
is provided. The barrier is a bilayer, comprising an inner layer of a  
root -tip- trapping material bonded to an outer layer of a root-  
impenetrable material . The inner layer faces the roots of a plant and  
serves to trap root...

?

10/075096

t 5/7/9

5/7/9 (Item 1 from file: 50)  
DIALOG(R)File 50:CAB Abstracts  
(c) 2006 CAB International. All rts. reserv.

0005404674 CAB Accession Number: 19840690207

Root deformation of forest seedlings - proceedings of a Nordic symposium.

Original Title: Rotdeformationer hos Skogsplantor - nordiskt symposium.  
Inst. Skogsproduktion, SLU, S-770 73 Garpenberg, Sweden.

Additional Authors: Persson, P.; Nilsson, B.; Petre, E.; Lindstrom, A.; Sandvik, M.; Kotisaari, A.; Bundgaard Jensen, N. J.; Jensen, N. J. B.; Sundin, T.; Jansson, K. A.; Filipson, S.; Orlander, G.; Martinsson, O.; Lundh, J. E.; Ponten, B.; Risby, B.; Parviainen, J.

Conference Title: Rotdeformationer hos Skogsplantor - nordiskt symposium.

Rapport, Institutionen for Skogsproduktion, Sveriges Lantbruksuniversitet (8): p.211

Publication Year: 1982

Editors: Hulten, H.

ISBN: 91-576-1216-1

Language: Swedish; Danish; Norwegian Summary Language: English

Record Type: Abstract

Document Type: Conference paper; Journal article

The following 20 papers were presented at a symposium which was held at the Swedish University of Agricultural Sciences in Garpenberg, Sweden, in January 1981, and which was organized to up-date research findings and experience on the subject accumulated since 1978, when an international symposium 'Root form of planted trees' was held in Victoria, B.C., Canada [see FA 41, 2864]: Persson, P. [Instability of plantations - extent, cause and possible measures.] Instabilitet i planteringar - omfattning, orsaker och mojliga atgarder. 17-39 [21 ref., 1 pl.] Nilsson, B. [Investigation by the Swedish Forest Service of commercial plantations - development of plants in single- and multiple-plant pots.] Domanverkets undersokningar av planteringar med tackrotsplantor - plantornas utveckling i enplanter- respektive flerplantspottor. 41-52. Petre, E. [Precommercial thinning project of the Logging Research Foundation; observations on stability and root deformation.] Forskningsstiftelsen Skogsarbetens rojningsprojekt och iakttagelser rörande stabilitet och rotdeformationer. 53-55 [1 pl.] Hulten, H. [A model for root development and its influence on stability.] Modell for rotutveckling och stabilitetsinflytande. 57-61 [1 ref.] Lindstrom, A. [Root deformation in different types of plant production systems and the possibility of limiting root deformation.] Rotdeformation i olika typer av plantodlingssystem samt mojligheter att begransa rotdeformation. 63-68 [1 ref.] Sandvik, M. [Root growth capacity and root growth conditions.] Rotvekstkapaasitet og rotvekstbetingelser. 69-81 [14 ref., 6 pl.] Kotisaari, A. [Root regeneration and growth rhythm of bare-root pine seedlings - preliminary results.] Preliminara resultat om rotregeneration och vaxtrytm hos barrotsplantor av tall. 83-89. Bundgaard Jensen, N.J. [Jensen, N.J.B.] [The influence of the substrate on the establishment of containerized seedlings after planting.] Substratets inflydelse pa doekrodsplanter etablering efter udplantering. 91-100. Lindstrom, A. [The root study box - a device for the evaluation of root development.] Rotstudieladan - ett instrument for utvardering av rotutveckling. 101-110 [4 ref., 3 pl.] Sundin, T. [Measurement of stability - a method description.] Stabilitetsmatning - en metodbeskrivning. 111-113. Jansson, K.A. [A method for the commercial forestry to estimate root deformation of pine

seedlings.] En metod for det praktiska skogsbruket att bedoma rotdeformation pa tallplantor. 115-120 [3 ref.] Filipson, S. [Root development in paperpots with and without container walls.] Rotutveckling i Paperpot med och utan behallarvagg. 121-129 [1 ref.] Orlander, G. [Root development in 'cellpots' with and without internal ribs.] Rotutveckling hos Cellpotplantor med respektive utan invandiga lister. 131-136 [1 ref.] Sundin, T. [Stability of Pinus sylvestris and P. contorta in an organic soil.] Stabilitetsjamforelse mellan Pinus sylvestris och P. contorta pa organogen jord. 137-143 [1 ref., 1 pl.] Martinsson, O.; Lundh, J.E. [Root stability of Pinus contorta - influence of the provenance.] Contortatallens rotstabilitet - proveniensens inflytande. 145-163 [7 ref.] Ponten, B.; Risby, B. [Stability and root development of Pinus contorta in comparison with P. sylvestris.] Stabilitet och rotutveckling hos Pinus contorta i jamforelse med P. sylvestris. 165-177 [3 ref., 2 pl.] Lindstrom, A. [Measures to prevent root binding in a plastic pot designed for containerized tree seedling production,] Atgarder for att forhindra rotsnurr i en plastkruka for odling av tackrotsplantor. 179-183 [1 ref., 1 pl.] Parviainen, J. [Root research at the Finnish Forest Research Institute.] Rotforskning vid Skogsforskningsinstitutet i Finland 1980. 185-186. Orlander, G. [A plant grown in mineral wool - a solution for the root deformation problem?] Mineralullsplantan - en losning pa rotdeformationsproblemen? 187-191 [2 pl.] Hulten, H. [Chemical root pruning.] Kemisk rotformning. 193-202 [8 ref.].

?



10/075096

S8 128 S5 NOT S7  
? t 8/3,k/1-50

8/3,K/1 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

01547310 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Profit from growing trees (High demand from developers)  
WILLIAM A. DE LANGE, JR.  
BUSINESSWORLD (PHILIPPINES)  
May 04, 1998  
JOURNAL CODE: FBWP LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 605

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... harvest. This is done by digging an 80-centimeter-trench around the base of the tree. Jute or plastic sacks are then used to hold the soil and root system together.

The trees are harvested during the rainy season. In balling the tree, the...

8/3,K/2 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2006 The Gale group. All rts. reserv.

04649752 SUPPLIER NUMBER: 18941794 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Global problems, local solutions: measuring the value of the urban forest.  
MacDonald, Lynn  
American Forests, v103, n4, p26(5)  
Autumn, 1996  
ISSN: 0002-8541 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2737 LINE COUNT: 00226

... and release oxygen, trees absorb carbon dioxide from the atmosphere.

Groundwater Filtration - Trees' hair-like root fibers help filter groundwater by trapping contaminants such as nutrients and pollutants.

Pollution Control - Tree leaves and roots act as natural filters for air and for rainwater and groundwater, removing particulate matter.

Aesthetics...

8/3,K/3 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2006 The Gale group. All rts. reserv.

04047410 SUPPLIER NUMBER: 15186910 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
"Customized" trees. (landscape design) (includes related article on tree grafting)  
Hennen, Gary; Evans, Jim  
Saturday Evening Post, v266, n2, p40(5)  
March-April, 1994  
ISSN: 0048-9239 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2464 LINE COUNT: 00189

... survive. Place the roots in a plastic sandwich bag to retain

10/075096

moisture and plant the seedling as soon as possible. Pay special attention to it until it takes hold in its new surroundings.

SEEDS

Propagation by seed is the most familiar of the three...

8/3,K/4 (Item 3 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2006 The Gale group. All rts. reserv.

03721538 SUPPLIER NUMBER: 12128013 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Marvelous mulch: the smart gardener's time-saving, water-conserving,  
weed-busting magic carpet. (includes buyers guide)  
Carlsen, Gregg  
The Family Handyman, v42, n4, p62(6)  
April, 1992  
CODEN: FAHAA ISSN: 0014-7230 LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT; ABSTRACT  
WORD COUNT: 2530 LINE COUNT: 00185

... longer if exposed to sunlight. Purchase the 6-mil thickness.  
Also, bear in mind:  
\* Black plastic absorbs and holds heat, which can damage a plant  
and its root system -- especially harmful to young plants. It can also  
promote shallow root growth.  
\* Never use plastic under loose or organic mulch...

8/3,K/5 (Item 4 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2006 The Gale group. All rts. reserv.

02366801 SUPPLIER NUMBER: 02653984 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Plastic pyramids to protect seedlings.  
Sunset, v170, p238(1)  
March, 1983  
CODEN: SNSTA ISSN: 0039-5404 LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 406 LINE COUNT: 00029

... place where snails, birds, and other seedling damagers can be  
controlled easily. Cover with clear plastic to hold heat, or with wire  
to keep out animals.  
When seedlings are a few inches tall and roots first appear at the  
bottom, release the seedlings...

8/3,K/6 (Item 1 from file: 50)  
DIALOG(R)File 50:CAB Abstracts  
(c) 2006 CAB International. All rts. reserv.

0005404674 CAB Accession Number: 19840690207  
Root deformation of forest seedlings - proceedings of a Nordic  
symposium.  
Original Title: Rotdeformationer hos Skogsplantor - nordiskt symposium.  
Inst. Skogsproduktion, SLU, S-770 73 Garpenberg, Sweden.  
Additional Authors: Persson, P.; Nilsson, B.; Petre, E.; Lindstrom, A.;  
Sandvik, M.; Kotisaari, A.; Bundgaard Jensen, N. J.; Jensen, N. J. B.;  
Sundin, T.; Jansson, K. A.; Filipson, S.; Orlander, G.; Martinsson, O.;

10/075096

Lundh, J. E.; Ponten, B.; Risby, B.; Parviainen, J.

Conference Title: Rotdeformationer hos Skogsplantor - nordiskt symposium.

Rapport, Institutionen for Skogsproduktion, Sveriges Lantbruksuniversitet (8): p.211

Publication Year: 1982

Editors: Hulten, H.

ISBN: 91-576-1216-1

Language: Swedish; Danish; Norwegian Summary Language: English

Record Type: Abstract

Document Type: Conference paper; Journal article

...jamforelse med *P. silvestris*. 165-177 [3 ref., 2 pl.] Lindstrom, A. [Measures to prevent root binding in a plastic pot designed for containerized tree seedling production,] Atgarder for att forhindra rotsnurr i en plastkruka for odling av tackrotsplantor. 179-183...

8/3,K/7 (Item 2 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2006 CAB International. All rights reserved.

0005132799 CAB Accession Number: 19820304868

A study on capillary and hand watering systems for potted plants. II. The effects of pruning roots in the water holding material and application of hand watering on growth of pot chrysanthemums.

Morita, M.; Higuchi, H.

Aichi-Ken Agricultural Research Center, Nagakute, Aichi, Japan.

Research Bulletin of the Aichi-Ken Agricultural Research Center (12): p.114-119

Publication Year: 1980

ISSN: 0388-7995

Language: Japanese Summary Language: English Record Type: Abstract

Document Type: Journal article

A study on capillary and hand watering systems for potted plants. II. The effects of pruning roots in the water holding material and application of hand watering on growth of pot chrysanthemums.

8/3,K/8 (Item 1 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.

(c) 2006 The Gale Group. All rights reserved.

03676876 SUPPLIER NUMBER: 17374593

Effects of rhizosphere inundation on the growth and physiology of wet and dry-site *Acer rubrum* (red maple) populations.

Will, Rodney E.; Seiler, John R.; Feret, Peter P.; Aust, W. Michael

The American Midland Naturalist, v134, n1, p127(13)

July, 1995

ISSN: 0003-0031 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4461 LINE COUNT: 00388

... was undertaken to obtain an accurate representation of flood tolerance for the maternal site populations.

Plastic buckets (11.6 liters) were filled with washed sand to hold the seedlings in place, to reduce nutrient dilution of the flooded treatments, and to maintain root temperatures of the nonflooded seedlings

10/075096

similar to the root temperatures of the flooded seedlings. A...

8/3,K/9 (Item 1 from file: 98)  
DIALOG(R)File 98:General Sci Abs  
(c) 2005 The HW Wilson Co. All rts. reserv.

04505443 H.W. WILSON RECORD NUMBER: BGSA01005443 (USE FORMAT 7 FOR  
FULLTEXT)  
The smart gardener's to-do list for May.  
Swain, Roger B  
Mason, Sandy; Cretti, John  
Horticulture v. 98 no4 (May 2001) p. 26-7  
SPECIAL FEATURES: map ISSN: 0018-5329  
LANGUAGE: English  
COUNTRY OF PUBLICATION: United States  
WORD COUNT: 1331

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... coating of carpenter's glue on the cut ends will block cane borers.  
\* Set out ~~traps for gophers, or protect individual plants by~~  
casing the roots in a cage of half-inch hardware cloth wire mesh. Do not  
use mesh where...

8/3,K/10 (Item 1 from file: 103)  
DIALOG(R)File 103:Energy SciTec  
(c) 2006 Contains copyrighted material. All rts. reserv.

01465078 EDB-84-162884  
Title: Vegetative cover grows directly on acidic mine refuse pile  
Author(s): Nickerson, F.H.  
Source: Coal Min. Process. (United States) v 21:2. Coden: CMPRB  
Publication Date: Feb 1984  
p 39-42  
Language: English

...Abstract: pile, this property may cause soil covers to slide. The cover  
can be lost before plants have a chance to produce roots deep  
enough to hold the material .

8/3,K/11 (Item 1 from file: 104)  
DIALOG(R)File 104:AeroBase  
(c) 2006 Contains copyrighted material. All rts. reserv.

0000591164  
TITLE: Natural Air Purifier

LANGUAGE: English

IP DOCUMENT ID: 20020080953

ABSTRACT:

... BioFilter, a natural air purifier that combines activated carbon and  
other filter media with living plants and microorganisms. The filter  
material traps and holds indoor pollutants; plant roots and

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

microorganisms then convert the pollutants into food for the plant. Most non-flowering house...

8/3,K/12 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

05130053 SUPPLIER NUMBER: 10471663 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Arkla's environmental efforts attract attention. (Arkla Energy Resources' new natural gas pipeline receives environmental awards from U.S. Fish and Wildlife Service and Nature Conservancy)  
Oil and Gas Journal, v89, n6, p50(2)  
Feb 11, 1991  
ISSN: 0030-1388 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1287 LINE COUNT: 00101

... was diffused through hay-bale barriers, two to three rows deep. Additionally, a woven straw fabric was used on slopes to hold the soil in place until revegetation plants take root. The fabric degrades naturally in 1-2 years. On grades of 200 or more, the company used...

8/3,K/13 (Item 1 from file: 203)  
DIALOG(R)File 203:AGRIS  
Dist by NAL, Intl Copr. All rights reserved. All rts. reserv.

00887069 AGRIS No: 844185  
Measures to prevent root binding in a plastic pot designed for a containerized tree seedling production system (Aatgaerder foer att foerhindra rotsnurr i en plastkruka foer odling av taekrotsplantor)  
Lindstroem, A.  
Conference Title: Symposium: Rotdeformation hos Tall- och Granplantor med Fokus paa Taekrotsplantor  
Conference Location and Year: Garpenberg (Sweden), 21-22 Jan 1981  
Root deformation of forest tree seedlings - proceedings of a Nordic symposium (Rotdeformationer hos skogsplantor - nordiskt symposium)  
Hulten, H. (ed.)  
Publisher: , Garpenberg (Sweden), 1982, p. 179-183  
Series title: Rapport - Sveriges Lantbruksuniversitet, Institutionen foer Skogsproduktion (Sweden), no. 8  
Language: Swedish

Measures to prevent root binding in a plastic pot designed for a containerized tree seedling production system

8/3,K/14 (Item 2 from file: 203)  
DIALOG(R)File 203:AGRIS  
Dist by NAL, Intl Copr. All rights reserved. All rts. reserv.

00816176 AGRIS No: 733004  
A study on capillary and hand watering systems in potted plants: The effects of root pruning in the water holding material for capillary watering and application of hand watering on growth of pot-mum [Chrysanthemum]  
Morita, M.; Higuchi, H. (Aichi-ken. Agricultural Research Center, Nagakute (Japan))

10/075096

Journal: Research Bulletin of the Aichi-ken Agricultural Research Center  
, Oct 1980, (no.12) p. 114-119

Language: Japanese Summary Language: English

A study on capillary and hand watering systems in potted plants : The effects of root pruning in the water holding material for capillary watering and application of hand watering on growth of pot-mum [Chrysanthemum]

8/3,K/15 (Item 1 from file: 324)  
DIALOG(R)File 324:German Patents Fulltext  
(c) 2006 Univentio. All rts. reserv.

0003625103

Procedure and device for the production of a container degradable by rotting or digesting as well as such containers  
Verfahren und Vorrichtung zur Herstellung eines durch Verrottung oder Verdauung abbaubaren Behalters sowie dergleichen Behalter

Patent Applicant/Assignee:

Nurnberger Christian, Dipl.-Chem.,04425 Taucha, DE

Inventor(s):

Nurnberger Christian, Dipl.-Chem.,04425 Taucha, DE

Richter Christoph, Dr.rer.silv.,01735 Tharandt, DE

Scheidung Wolfram, Dipl.-Forst-Ing.,01723 Kesselsdorf, DE

Patent and Priority Information (Country, Number, Date):

Patent: DE 19500653 C2 20000518

Application: DE 19500653 19950112

Priority Application: DE 19500653 19950112 (DE 19500653)

Publication Language: German

Fulltext Word Count (English): 3941

Fulltext Word Count (German) : 3256

Fulltext Word Count (Both) : 7197

Fulltext Availability:

Description (English machine translation)

Description (English machine translation)

... stability are manufactured primarily  
on the basis of plastics, metals or cardboard. In particular  
planting containers , which take up a root bundle, consist of a  
humidity-steady plastic , which is to exhibit a sufficient firmness  
over a longer duration, to make in order the root bundle hold together  
and a constant irrigation possible. When setting the plants are  
taken out of the container ; the plastic containers must become  
usually entsorgt. Since the disposal in the increasing measure  
difficulties causes, the ecological...

8/3,K/16 (Item 2 from file: 324)  
DIALOG(R)File 324:German Patents Fulltext  
(c) 2006 Univentio. All rts. reserv.

0003562542 \*\*Image available\*\*

Bahnformiger vegetation bodies

Bahnformiger Vegetationskorper

Patent Applicant/Assignee:

Behrens Wolfgang, 27243 Gross Ippener, DE

Inventor(s):

10/075096

Behrens Wolfgang, 27243 Gross Ippener, DE  
Patent and Priority Information (Country, Number, Date):  
Patent: DE 19740682 C2 19991104  
Application: DE 19740682 19970916  
Priority Application: DE 19740682 19970916 (DE 19740682)  
Publication Language: German  
Fulltext Word Count (English): 2529  
Fulltext Word Count (German) : 2023  
Fulltext Word Count (Both) : 4552

Fulltext Availability:  
Description (English machine translation)

Description (English machine translation)

... base angeordnete unter der structure mat, which usually out of coconut fibers, stone wool, textile fibers or other suitable materials passes, serves the water storage, the Drainage and the hold of the roots of the plants, as well as as separation situation for abschwemmable particles.

The until now confessed vegetation bodies...

8/3,K/17 (Item 3 from file: 324)  
DIALOG(R)File 324:German Patents Fulltext  
(c) 2006 Univentio. All rts. reserv.

0003518788 \*\*Image available\*\*  
Bahnformiger vegetation bodies  
Bahnformiger Vegetationskorper  
Patent Applicant/Assignee:  
Behrens Wolfgang, 27243 Gross Ippener, DE  
Inventor(s):  
Behrens Wolfgang, 27243 Gross Ippener, DE  
Patent and Priority Information (Country, Number, Date):  
Patent: DE 19740682 A1 19990401  
Application: DE 19740682 19970916  
Priority Application: DE 19740682 19970916 (DE 19740682)  
Publication Language: German  
Fulltext Word Count (English): 2209  
Fulltext Word Count (German) : 1774  
Fulltext Word Count (Both) : 3983

Fulltext Availability:  
Description (English machine translation)

Description (English machine translation)

... base angeordnete unter der structure mat, which usually out of coconut fibers, stone wool, textile fibers or other suitable materials passes, serves the water storage, the Drainage and the hold of the roots of the plants, as well as as separation situation for abschwemmable ponds.

The until now confessed vegetation bodies...

8/3,K/18 (Item 4 from file: 324)  
DIALOG(R)File 324:German Patents Fulltext  
(c) 2006 Univentio. All rts. reserv.

10/075096

0002466723

Patent and Priority Information (Country, Number, Date):

Patent: DE 8813206 U1 19881222

Application: DE 8813206 19881021

Priority Application: DE 8813206 U 19881021 (DE 8813206)

Publication Language: German

Fulltext Word Count (English): 1093

Fulltext Word Count (German) : 986

Fulltext Word Count (Both) : 2079

Fulltext Availability:

Description (English machine translation)

Description (English machine translation)

... root bundles innovation concerns bundle table-ware to transport of tree-grown all kind, whose roots by firm earth balls, which by this surrounding net from jute, plastic or wire one holds together, is enclosed.

in order to save and receive around existing Begrueung raising times for ...

8/3,K/19 (Item 5 from file: 324)

DIALOG(R)File 324:German Patents Fulltext

(c) 2006 Univention. All rts. reserv.

0001505068

PHENOLIC RESIN FOAM AS SUBSTRATE FOR EARTH LOTS PLANT CULTURE

PHENOLHARZSCHAEUME ALS SUBSTRAT FUER ERDELOSE PFLANZENKULTUR

Patent Applicant/Assignee:

DYNAMIT NOBEL AG 5210 TROISDORF,

Inventor(s):

WEISSENFELS FRANZ, DIPL.-CHEM. DR., 5200 SIEGBURG,,

TIROUX JOSEF, 5210 TROISDORF,,

Patent and Priority Information (Country, Number, Date):

Patent: DE 2827524 A1 19800117

Application: DE 2827524 19780623

Priority Application: DE 2827524 19780623 (DE 2827524)

Publication Language: German

Fulltext Word Count (English): 1706

Fulltext Word Count (German) : 1480

Fulltext Word Count (Both) : 3186

Fulltext Availability:

Description (English machine translation)

Description (English machine translation)

... of foam material plates the young plant finds no stop there, sand or other porous material can be accumulated for holding the plant around the plant. The roots of the plants penetrate then with far waxes into the phenolic resin foam and from there with the...

8/3,K/20 (Item 1 from file: 340)

DIALOG(R)File 340:CLAIMS(R)/US Patent

(c) 2006 IFI/CLAIMS(R). All rts. reserv.



10/075096

PUB. NO.: 2001-086885 [JP 2001086885 A]  
PUBLISHED: April 03, 2001 (20010403)  
INVENTOR(s): WATANABE TSUGUHIKO  
APPLICANT(s): WATANABE HIKOITSU  
WATANABE TSUGUHIKO  
APPL. NO.: 11-265668 [JP 99265668]  
FILED: September 20, 1999 (19990920)

ABSTRACT

... enabling the wrapping to be kept in a stable state, and useful for wrapping the root ball of the tree, and further to provide a method for wrapping and holding the root ball of the tree by using the same.

SOLUTION: A wrapping material 6 is laid on the wrapping and holding stand 1, and the root ball 8 of the tree 9 is placed on the wrapping material 6. The root ball is wrapped with the wrapping material 6, and a string 7 for wrapping and holding is hooked on plural hooking fragments 3 for hooking the string for wrapping and holding...

...ball, in order, and simultaneously fastened over the root ball 8 covered with the wrapping material 6 one by one to wrap and hold the root ball 8 of the tree 9.

COPYRIGHT: (C)2001,JPO

8/3,K/27 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

06371926 \*\*Image available\*\*  
GRAFTING CULTIVATION

PUB. NO.: 11-313544 [JP 11313544 A]  
PUBLISHED: November 16, 1999 (19991116)  
INVENTOR(s): YAMAGUCHI KAZUHIKO  
APPLICANT(s): YAMAGUCHI ENGEI KK  
APPL. NO.: 10-137561 [JP 98137561]  
FILED: May 01, 1998 (19980501)

ABSTRACT

... with a stockroot without a root prepared by cutting at the upper position of its root, putting a coldness-accumulating material 6, a moisture-holding sheet 7 and the grafted seedling plant 5 into a heat insulating material vessel 8 shaded from a light for performing a rooting in a low temperature and...

8/3,K/28 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

06371920 \*\*Image available\*\*  
SOIL UNIT FOR VEGETATION AND VEGETATION SET

PUB. NO.: 11-313538 [JP 11313538 A]  
PUBLISHED: November 16, 1999 (19991116)  
INVENTOR(s): MINE TATSURO

10/075096

YAMADA HIROSHI  
KIKUZAWA TETSUJI  
APPLICANT(s): SEKISUI JUSHI CO LTD  
NIHON KOGYO CO LTD  
APPL. NO.: 10-124847 [JP 98124847]  
FILED: May 07, 1998 (19980507)

ABSTRACT

...soil can be readily and easily charged in the vegetation vessels without inhibition of the root growth of the plants by filling a specific holder with the soil.

SOLUTION: A fabric -made holder 3 that has an almost equal shape to the inner cavity of the vegetation vessel...

8/3,K/29 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

06297823  
ROOT-TAKING MATERIAL FOR HORTICULTURE

PUB. NO.: 11-239415 [JP 11239415 A]  
PUBLISHED: September 07, 1999 (19990907)  
INVENTOR(s): SHIRAI HIROSHI  
APPLICANT(s): MACRO WORKS KK  
APPL. NO.: 10-044754 [JP 9844754]  
FILED: February 26, 1998 (19980226)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a root-taking material for horticulture, which can be easily carried and notably improve growth of the plants it holds , because of its high water- holding and thermally insulating capacity.

SOLUTION: This root -taking material , to be used for horticulture in place of soil, is obtained by compressing the stock...

8/3,K/30 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

06213748  
COVERING MATERIAL

PUB. NO.: 11-155309 [JP 11155309 A]  
PUBLISHED: June 15, 1999 (19990615)  
INVENTOR(s): YANASE TOSHIO  
APPLICANT(s): NIPPON BEET SUGAR MFG CO LTD  
APPL. NO.: 09-338269 [JP 97338269]  
FILED: November 25, 1997 (19971125)

ABSTRACT

PROBLEM TO BE SOLVED: To obtain a covering material excellent in air permeability, water permeability and water holding capacity and capable

10/075096

of providing health seedlings uniformly germinating and having good root spreading when used for culture of a plant by making the covering material include vermiculite...

8/3,K/31 (Item 8 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

05811225  
NURSERY MOLDING FOR HORTICULTURE

PUB. NO.: 10-094325 [JP 10094325 A]  
PUBLISHED: April 14, 1998 (19980414)  
INVENTOR(s): OKADA YASUAKI  
MIYAGI MASAO  
KIMOTO SHIGETOSHI  
APPLICANT(s): CHISSO CORP [000207] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-271879 [JP 96271879]  
FILED: September 20, 1996 (19960920)

ABSTRACT

... without letting a binder flow out because of irrigation and suppressing the generation of new roots after transplanting as well, by composing this molding of a material containing citric acid-soluble B(sub 2)O(sub 3) having water retentivity and holding seedlings...

8/3,K/32 (Item 9 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

04121242 \*\*Image available\*\*  
SLOPE TREE PLANTING METHOD

PUB. NO.: 05-112942 [JP 5112942 A]  
PUBLISHED: May 07, 1993 (19930507)  
INVENTOR(s): INADA HIROFUMI  
APPLICANT(s): SATO KOGYO CO LTD [359091] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 03-304155 [JP 91304155]  
FILED: October 23, 1991 (19911023)  
JOURNAL: Section: M, Section No. 1470, Vol. 17, No. 472, Pg. 115,  
August 27, 1993 (19930827)

ABSTRACT

... 1 at a specific interval. After that, upper part opening net pockets 8 capable of holding a tree planting foundation material 13 are mounted to the members 6 without hindering the spread of roots, and they...

8/3,K/33 (Item 10 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

03111208  
APPARATUS FOR TRANSPLANTATION OF TAPE SEEDLING

10/075096

...power and the like. In other words, the distilled water is efficiently fed to the roots of plants without using electric power or the like.

According to means (2), a water- holding material is laid in soil so as to feed the distilled water to the roots of plants. Preferably, an impermeable film is laid under the water- holding material.

This means enables a required amount of water to be fed to plants and enhances...

...CLAIMS 200) transferred from the water storage tank (111) while the fourth means comprises a water- holding material (409) for feeding the distilled water (200) from the auxiliary water tank to the roots of plants (402).

8/3,K/37 (Item 3 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

00757311

PLANT GROWING SHEET STRUCTURE, NATURAL LAWN GRASS SHEET STRUCTURE, LAWN GRASS GROWING METHOD AND METHOD FOR LAYING LAWN GRASS SHEET STRUCTURES  
SCHICHTSTRUKTUR FUR DIE PFLANZENZUCHT, SCHICHTSTRUKTUR FUR NATURLICHEN RASEN, VERFAHREN ZUM ZUCHTEN VON RASENGRAS UND VERFAHREN ZUM LEGEN VON RASENSCHICHTSTRUKTUREN

STRUCTURE EN FEUILLE POUR LA CROISSANCE DES PLANTES, STRUCTURE EN FEUILLE POUR LA CROISSANCE DU GAZON NATUREL, PROCEDE POUR FAIRE POUSSER DU GAZON ET PROCEDE POUR POSER DES STRUCTURES EN FEUILLE PORTANT DU GAZON  
PATENT ASSIGNEE:

OTSUKA KAGAKU KABUSHIKI KAISHA, (645093), 2-27, Otedori 3-chome, Chuo-ku, Osaka-shi, Osaka 540, (JP), (Proprietor designated states: all)  
MAEDAKENSETSUOGYO KABUSHIKI KAISHA, (2101320), 10-26, Fujimi 2-chome, Chiyoda-ku, Tokyo 102, (JP), (Proprietor designated states: all)

INVENTOR:

ISHIKAWA, Yoshio, 249-13, Higashiojicho, Kishiwada-shi, Osaka 596, (JP)  
FUKUMOTO, Hiroaki, 1-22-16, Takatsukadai Kawai-cho, Kitakatsuragi-gun, Nara 636, (JP)  
HIRASAWA, Toshimasa, Maedakensetsukogyo K.K., 10-26, Fujimi 2-chome Chiyoda-ku, Tokyo 102, (JP)  
HATADO, Tatsuo, Maedakensetsukogyo K.K., 10-26, Fujimi 2-chome Chiyoda-ku, Tokyo 102, (JP)  
TAGA, Akira, Maedakensetsukogyo K.K., 10-26, Fujimi 2-chome Chiyoda-ku, Tokyo 102, (JP)  
YAMADA, Kaoru, Maedakensetsukogyo K.K., 10-26, Fujimi 2-chome Chiyoda-ku, Tokyo 102, (JP)

LEGAL REPRESENTATIVE:

Barz, Peter, Dr. (1467), Patentanwalt Kaiserplatz 2, 80803 Munchen, (DE)  
PATENT (CC, No, Kind, Date): EP 724825 A1 960807 (Basic)  
EP 724825 A1 970115  
EP 724825 B1 020313  
WO 9603027 960208

APPLICATION (CC, No, Date): EP 95926005 950721; WO 95JP1451 950721

PRIORITY (CC, No, Date): JP 94192021 940723; JP 94300896 941205; JP 94300897 941205

DESIGNATED STATES: DE; ES; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS (V7): A01G-001/12; A01G-013/00

ABSTRACT WORD COUNT: 211

NOTE:

Figure number on first page: 5

10/075096

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1361
CLAIMS B	(English)	200211	850
CLAIMS B	(German)	200211	667
CLAIMS B	(French)	200211	1138
SPEC A	(English)	EPAB96	18073
SPEC B	(English)	200211	17750
Total word count - document A			19438
Total word count - document B			20405
Total word count - documents A + B			39843

...SPECIFICATION protection of the sowed plant seeds or the plant seeds held at the plant seed holding layer, sprouts and roots growing from the seeds, and grown plants. The fiber member may be formed of a single fiber, a bundle of a plurality of fibers...

...SPECIFICATION protection of the sowed plant seeds or the plant seeds held at the plant seed holding layer, sprouts and roots growing from the seeds, and grown plants. The fiber member may be formed of a single fiber, a bundle of a plurality of fibers...

8/3,K/38 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

00727258

Method for transporting floral groupings  
Verfahren zum Transportieren von Blumengruppen  
Procede pour transporter des arrangements floraux  
PATENT ASSIGNEE:

Highland Supply Corporation, (682570), 1111 Sixth Street, Highland,  
Illinois 62249, (US), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Weder, Donald E., 1111 Sixth Street, Highland, Illinois 62249, (US)

LEGAL REPRESENTATIVE:

Ebner von Eschenbach, Jennifer et al (92001), Ladas & Parry,  
Dachauerstrasse 37, 80335 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 686577 A1 951213 (Basic)

APPLICATION (CC, No, Date): EP 95107408 950515;

PRIORITY (CC, No, Date): US 242485 940513

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

INTERNATIONAL PATENT CLASS (V7): B65D-085/52;

ABSTRACT WORD COUNT: 74

LANGUAGE (Publication,Procedural,Application): English; English; English.

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	1861
SPEC A	(English)	EPAB95	4061
Total word count - document A			5922
Total word count - document B			0
Total word count - documents A + B			5922

...SPECIFICATION being propagated or acting as an agent of reproduction including seeds, shoots, stems, runners, tubers, plants, leaves, roots

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

prior to 2004)

AT AU BR BY CA CN CZ HU JP PL RU SK UA AT BE CH DE DK ES FR GB GR IE IT  
LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 9379

Fulltext Availability:

Detailed Description

Detailed Description

... 1 or Killas the salts of metals. For all treatments the excess soil  
moisture is trapped in 4 inch plastic saucers placed below each pot.  
Roots and shoots of treated and control plants are harvested 12 to 20  
days after the...

8/3,K/47 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2006 WIPO/Univentio. All rts. reserv.

00271752 \*\*Image available\*\*

PROCESS AND APPARATUS FOR PLANTING PLANTLETS

PROCEDE ET APPAREIL POUR PLANTER DE JEUNES PLANTS

Patent Applicant/Assignee:

SILVAGEN INC,  
EDMONDS Timothy Kent,  
CERVELLI Robert Leo,

Inventor(s):

EDMONDS Timothy Kent,  
CERVELLI Robert Leo,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9419927 A1 19940915

Application: WO 93CA84 19930302 (PCT/WO CA9300084)

Priority Application: WO 93CA84 19930302

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AT AU BB BG BR CA CH CZ DE DK ES FI GB HU JP KP KR LK LU MG MN MW NL NO  
NZ PL PT RO RU SD SE SK UA US AT BE CH DE DK ES FR GB GR IE IT LU MC NL  
PT SE BF BJ CF CG CI CM GA GN ML MR SN TD TG

Publication Language: English

Fulltext Word Count: 11068

Fulltext Availability:

Detailed Description

Detailed Description

... The present trend in forestry is away from bare root reforestation, in  
favour of planting seedlings with soil on the roots in the form of a  
"plug". Containers produce such a plug. Mini-plugs are also being  
considered as an interim step in...

8/3,K/48 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2006 WIPO/Univentio. All rts. reserv.

00267281 \*\*Image available\*\*

GROWING SYSTEM FOR PLANTS

SYSTEME DE CULTURE DE VEGETAUX

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

Patent Applicant/Assignee:

PEDERSEN Leif Liebmann,

Inventor(s):

PEDERSEN Leif Liebmann,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9415451 A1 19940721

Application: WO 94DK22 19940112 (PCT/WO DK9400022)

Priority Application: DK 9300032 19930118

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB HU JP KP KR KZ  
LK LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US UZ VN AT BE CH  
DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE  
SN TD TG

Publication Language: English

Fulltext Word Count: 3100

Fulltext Availability:

Detailed Description

Detailed Description

... where the plants

grow in an inorganic growth medium, for example rock wool  
or similar material, or where the plants grow without any  
growth medium at all, as solely a holder for the roots of  
the plants is used. In such water culture system the roots  
of the plants are continuously supplied with a nutrient  
solution which is normally recirculated and...

8/3,K/49 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2006 WIPO/Univentio. All rts. reserv.

00173808 \*\*Image available\*\*

ARRANGEMENT IN PLANT COLUMNS

AGENCEMENT DE BACS EN FORME DE TUBES POUR LA CULTURE DES PLANTES

Patent Applicant/Assignee:

TAMAR AB,

LESS Karl Heinz,

Inventor(s):

LESS Karl Heinz,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9007266 A1 19900712

Application: WO 90SE5 19900103 (PCT/WO SE9000005)

Priority Application: SE 8944 19890109

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BE CA CH DE DK ES FR GB IT LU NL NO SE US

Publication Language: English

Fulltext Word Count: 4083

Fulltext Availability:

Detailed Description

Detailed Description

... both ends. Such pots, sleeves

and the like can also be made of paper-based material,

10/075096

plastics or the like and serve merely to hold together the root system of each plant and separate the plant from neighbouring plants , Since pregrown plants can be directly inserted in the plant column, without removal of the...

8/3,K/50 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2006 WIPO/Univentio. All rts. reserv.

00130708

VEGETATION NUTRITIVE AND GROWTH SUBSTANCE, ESPECIALLY SUITED FOR THIN BALES  
SUBSTANCE D'ENGRAIS STIMULANT LA CROISSANCE DE LA VEGETATION, INDIQUEE  
SPECIALEMENT POUR BALLE MINCES

Patent Applicant/Assignee:

WILLUMSEN Karen Marie,  
WILLUMSEN Per,

Inventor(s):

WILLUMSEN Karen Marie,  
WILLUMSEN Per,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8603217 A1 19860605  
Application: WO 85DK113 19851202 (PCT/WO DK8500113)  
Priority Application: DK 569384 19841130; DK 338485 19850725

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AT AU BB BE BG BR CF CG CH CH CM DE DE DE DK FI FR GA GB GB HU IT JP  
KP KR LK LU LU MC MG ML MR MW NL NL NO RO SD SE SE SN SU TD TG US

Publication Language: English

Fulltext Word Count: 4525

Fulltext Availability:

Detailed Description

Detailed Description

... its supporting and protecting function the  
netting 2,3 may even serve the purpose of holding  
the roots of the plants as growing in the bale  
material ., should this be required or desired.

In fig. 7 is shown a netting 2 which...

?



10/075096

9/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

00757311

PLANT GROWING SHEET STRUCTURE, NATURAL LAWN GRASS SHEET STRUCTURE, LAWN  
GRASS GROWING METHOD AND METHOD FOR LAYING LAWN GRASS SHEET STRUCTURES  
SCHICHTSTRUKTUR FUR DIE PFLANZENZUCHT, SCHICHTSTRUKTUR FUR NATURLICHEN  
RASEN, VERFAHREN ZUM ZUCHTEN VON RASENGRAS UND VERFAHREN ZUM LEGEN VON  
RASENSCHICHTSTRUKTUREN

STRUCTURE EN FEUILLE POUR LA CROISSANCE DES PLANTES, STRUCTURE EN FEUILLE  
POUR LA CROISSANCE DU GAZON NATUREL, PROCEDE POUR FAIRE POUSSER DU  
GAZON ET PROCEDE POUR POSER DES STRUCTURES EN FEUILLE PORTANT DU GAZON

PATENT ASSIGNEE:

OTSUKA KAGAKU KABUSHIKI KAISHA, (645093), 2-27, Otedori 3-chome, Chuo-ku,  
Osaka-shi, Osaka 540, (JP), (Proprietor designated states: all)

MAEDAKENSETSUKOGYO KABUSHIKI KAISHA, (2101320), 10-26, Fujimi 2-chome,  
Chiyoda-ku, Tokyo 102, (JP), (Proprietor designated states: all)

INVENTOR:

ISHIKAWA, Yoshio, 249-13, Higashiojicho, Kishiwada-shi, Osaka 596, (JP)

FUKUMOTO, Hiroaki, 1-22-16, Takatsukadai Kawai-cho, Kitakatsuragi-gun,  
Nara 636, (JP)

HIRASAWA, Toshimasa, Maedakensetsukogyo K.K., 10-26, Fujimi 2-chome  
Chiyoda-ku, Tokyo 102, (JP)

HATADO, Tatsuo, Maedakensetsukogyo K.K., 10-26, Fujimi 2-chome Chiyoda-ku  
, Tokyo 102, (JP)

TAGA, Akira, Maedakensetsukogyo K.K., 10-26, Fujimi 2-chome Chiyoda-ku,  
Tokyo 102, (JP)

YAMADA, Kaoru, Maedakensetsukogyo K.K., 10-26, Fujimi 2-chome Chiyoda-ku,  
Tokyo 102, (JP)

LEGAL REPRESENTATIVE:

Barz, Peter, Dr. (1467), Patentanwalt Kaiserplatz 2, 80803 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 724825 A1 960807 (Basic)

EP 724825 A1 970115

EP 724825 B1 020313

WO 9603027 960208

APPLICATION (CC, No, Date): EP 95926005 950721; WO 95JP1451 950721

PRIORITY (CC, No, Date): JP 94192021 940723; JP 94300896 941205; JP  
94300897 941205

DESIGNATED STATES: DE; ES; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS (V7): A01G-001/12; A01G-013/00

ABSTRACT WORD COUNT: 211

NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1361
CLAIMS B	(English)	200211	850
CLAIMS B	(German)	200211	667
CLAIMS B	(French)	200211	1138
SPEC A	(English)	EPAB96	18073
SPEC B	(English)	200211	17750
Total word count - document A			19438
Total word count - document B			20405
Total word count - documents A + B			39843

10/075096

4527228

Derwent Accession: 1999-229360

Utility

M/ Vegetation strip

Inventor: Behrens, Wolfgang, Trespenmoor 1, Gross Ippener, DE, D-27243

Assignee: Unassigned

Unassigned Or Assigned To Individual (Code: 68000)

Examiner: Poon, Peter M. (Art Unit: 363)

Assistant Examiner: Nguyen, Son T.

Law Firm: Collard & Roe, PC

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6250010	A	20010626	US 99297599	19990504
PCT	WO 9913703		19990525	WO 98DE2638	19980903
			371:19990504		
			102e:19990504		
Priority				DE 19740682	19970916

Fulltext Word Count: 2186

Summary of the Invention:

...the plant parts. The porous substrate arranged beneath the structured mat, usually made of coconut fibers, rock wool, textile fibers or suitable materials, serves to store water, provide drainage and a hold for the roots of the plants and as a dividing layer for particles that can be washed away...

9/3,K/4 (Item 2 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2006 Dialog. All rts. reserv.

4493814 \*\*IMAGE Available

Derwent Accession: 1996-116695

Utility

M/ Plant growth sheet structure, natural turf sheet structure, method of growing turf and method of laying turf sheet structure

Inventor: Ishikawa, Yoshio, Kishiwada, JP

Fukumoto, Hiroaki, Kitakatsuragi, JP

Hirasawa, Toshimasa, Tokyo, JP

Hatado, Tatsuo, Tokyo, JP

Taga, Akira, Tokyo, JP

Yamada, Kaoru, Tokyo, JP

Assignee: Otsuka Kagaku Kabushiki Kaisha(03), Osaka, JP

Maedakensetsukogyo Kabushiki Kaisha(03), Tokyo, JP

Maedakensetsukogyo K K JP

Otsuka Chemical Co Ltd JP (Code: 04543)

Examiner: Lankford, Jr., Leon B. (Art Unit: 161)

Law Firm: Arent Fox Kintner Plotkin & Kahn

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6219965	A	20010424	US 97615247	19970715
PCT	WO 9603027		19970208	WO 95JP1451	19950721
			371:19970715		

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

4 S8(7N)LAYER?  
? t 8/3,k/50-100

8/3,K/50 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2006 WIPO/Univentio. All rts. reserv.

00130708

VEGETATION NUTRITIVE AND GROWTH SUBSTANCE, ESPECIALLY SUITED FOR THIN BALES  
SUBSTANCE D'ENGRAIS STIMULANT LA CROISSANCE DE LA VEGETATION, INDIQUEE  
SPECIALEMENT POUR BALLES MINCES

Patent Applicant/Assignee:

WILLUMSEN Karen Marie,  
WILLUMSEN Per,

Inventor(s):

WILLUMSEN Karen Marie,  
WILLUMSEN Per,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8603217 A1 19860605

Application: WO 85DK113 19851202 (PCT/WO DK8500113)

Priority Application: DK 569384 19841130; DK 338485 19850725

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AT AT AU BB BE BG BR CF CG CH CH CM DE DE DE DK FI FR GA GB GB HU IT JP  
KP KR LK LU LU MC MG ML MR MW NL NL NO RO SD SE SE SN SU TD TG US

Publication Language: English

Fulltext Word Count: 4525

Fulltext Availability:

Detailed Description

Detailed Description

... its supporting and protecting function the  
netting 2,3 may even serve the purpose of holding  
the roots of the plants as growing in the bale  
material ., should this be required or desired.

In fig. 7 is shown a netting 2 which...

8/3,K/51 (Item 1 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2006 Thomson Derwent. All rts. reserv.

014654656

WPI Acc No: 2002-475360/200251

XRAM Acc No: C02-135483

XRPX Acc No: N02-375200

Plant root zone restrictor, useful in agriculture/horticulture, comprises  
fatty acids copper salts as active component

Patent Assignee: HOKKO CHEM IND CO LTD (HOKK )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002121102	A	20020423	JP 2001239085	A	20010807	200251 B

Priority Applications (No Type Date): JP 2000244192 A 20000811

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

JP 2002121102 A 14 A01N-037/02

Abstract (Basic):

... INDEPENDENT CLAIMS are also included for a material for agricultural/horticultural use, made of a material for rearing seedlings, culturing plants, etc., allowed to hold the above root zone restrictor on the surface or in the interior of it; barrier sheet prepared using...

8/3,K/52 (Item 2 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2006 Thomson Derwent. All rts. reserv.

013027944 \*\*Image available\*\*  
WPI Acc No: 2000-199795/200018  
XRPX Acc No: N00-148497

Protection pad for flowerpot of tree  
Patent Assignee: TOHO REO KK (TORE-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000037143	A	20000208	JP 98206855	A	1998072	200018 B

Priority Applications (No Type Date): JP 98206855 A 19980722

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000037143	A	5	A01G-023/04	

Abstract (Basic):

... reciprocates to the upper surface side of a pad body which contacts with the string material and divides the passing line of the string material. A support holds the root of a tree and bridges with a fixing unit which fixes the flowerpot of tree on the lower...

8/3,K/53 (Item 3 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2006 Thomson Derwent. All rts. reserv.

011793329 \*\*Image available\*\*  
WPI Acc No: 1998-210239/199819  
XRPX Acc No: N98-166961

Soft plastic bag for carrying flowers in flower market - has water replenishment mouth for replenishment of water to flower roots provided in dividing part between upper and lower sections

Patent Assignee: ICHIKI SANGYO KK (ICHI-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10056879	A	19980303	JP 96238678	A	19960822	199819 B

Priority Applications (No Type Date): JP 96238678 A 19960822

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10056879	A	4	A01G-005/06	

...Abstract (Basic): The soft plastic bag is divided into upper and lower sections (2,3). The upper section holds the flowers. The lower

10/075096

8/3,K/56 (Item 6 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2006 Thomson Derwent. All rts. reserv.

009703093 \*\*Image available\*\*  
WPI Acc No: 1993-396646/199350  
XRAM Acc No: C93-176542  
XRPX Acc No: N93-306565

Root ball wrapping - is woven mesh of alternating jute and synthetic  
fibre yarns to hold root structure when natural fibres rot after planting  
Patent Assignee: REIMANN SPINNEREI & WEBEREI GMBH (REIM-N)

Inventor: REIMANN M

Number of Countries: 012 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 573951	A1	19931215	EP 93109170	A	19930608	199350 B
EP 573951	B1	19951122	EP 93109170	A	19930608	199551
DE 59300989	G	19960104	DE 500989	A	19930608	199606
			EP 93109170	A	19930608	

Priority Applications (No Type Date): DE 92U7737 U 19920610

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 573951	A1	G	7	A01G-023/04	
Designated States (Regional): AT BE CH DE DK ES FR GB IT LI NL SE					
EP 573951	B1	G	8	A01G-023/04	
Designated States (Regional): AT BE CH DE DK ES FR GB IT LI NL SE					
DE 59300989	G			A01G-023/04	Based on patent EP 573951

...Abstract (Basic): USE/ADVANTAGE - The material is for wrapping root  
balls of trees and bushes for planting. The material uses min.  
non-degradable plastics material, but holds the root structure  
together while the plant establishes itself after planting...

8/3,K/57 (Item 7 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
(c) 2006 Thomson Derwent. All rts. reserv.

009658526  
WPI Acc No: 1993-352078/199344  
XRAM Acc No: C93-156279  
XRPX Acc No: N93-271582

Horticultural seedling trays - have surface treated with compsn. contg.  
chemical root pruning ingredient e.g. copper oxychloride carried in PVA  
base

Patent Assignee: EVERGREEN SEEDLINGS CC (EVER-N)

Inventor: PENTZ C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
ZA 9208985	A	19930728	ZA 928985	A	19921120	199344 B

Priority Applications (No Type Date): ZA 919640 A 19911206

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
ZA 9208985	A		12	A01G-000/00	

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

...Abstract (Basic): active ingredient e.g. a sterilising biocide material such as Cu oxychloride for affecting chemical root pruning of seedling growing. ADVANTAGE - Prevents seedlings root becoming trapped in the walls of the tray to allow easy removal of seedlings from the tray and for ensuring sterility of the seedling tray. (Reissue of the entry...

8/3,K/58 (Item 8 from file: 351)  
DIALOG(R) File 351:Derwent WPI  
(c) 2006 Thomson Derwent. All rts. reserv.

009254651

WPI Acc No: 1992-382068/199246

XRAM Acc No: C92-169536

XRPX Acc No: N92-291331

Rubber compsn. decayable in soil - comprising rubber and incompatible water-soluble additive useful for forming band, net, etc. to hold soil round roots during transplantation of tree, then to disintegrate in earth

Patent Assignee: ASAHI CORP (ASAH ); ASAHI CO LTD (ASAH )

Inventor: EZOE S

Number of Countries: 020 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9218567	A1	19921029	WO 92JP490	A	19920415	199246 B
JP 4320431	A	19921111	JP 91117034	A	19910419	199252
JP 4320437	A	19921111	JP 91117033	A	19910419	199252
AU 9215486	A	19921117	AU 9215486	A	19920415	199310
			WO 92JP490	A	19920415	
US 5523331	A	19960604	WO 92JP490	A	19920415	199628
			US 93133109	A	19931220	
JP 2819199	B2	19981030	JP 91117034	A	19910419	199848
JP 2887421	B2	19990426	JP 91117033	A	19910419	199922

Priority Applications (No Type Date): JP 91117034 A 19910419; JP 91117033 A 19910419

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9218567 A1 J 37 C08L-021/00

Designated States (National): AU BR CA KR US

Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU MC NL SE

JP 4320431 A 9 C08J-009/06

JP 4320437 A 8 C08L-021/00

AU 9215486 A C08L-021/00 Based on patent WO 9218567

US 5523331 A 16 C08L-089/00 Based on patent WO 9218567

JP 2819199 B2 7 C08J-009/06 Previous Publ. patent JP 4320431

JP 2887421 B2 8 C08L-021/00 Previous Publ. patent JP 4320437

...Abstract (Basic): and are prepd. from compsn. (A) or (B). The tape, ring, sheet, thread, net or cloth are used to hold the soil together round the roots of a tree during translation. The fabric is made from hemp, cotton, wool, silk or rayon. A tool for holding together the earth in a flower pot comprises a foamed elastic material impregnated with a...

8/3,K/59 (Item 9 from file: 351)  
DIALOG(R) File 351:Derwent WPI

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

(c) 2006 Thomson Derwent. All rts. reserv.

007120556

WPI Acc No: 1987-120553/198717

XRAM Acc No: C87-050389

Preserving young plants of eulalia with ground roots - comprises laying water-holding heat insulative material in tank and burying roots of plants in culturing medium (J5 20.9.80)

Patent Assignee: NIPPON SHOKUSEI KK (NISH-N)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 87015041	B	19870406	JP 7029710	A	19700314	198717 B
JP 55122701	A	19800920				198717

Priority Applications (No Type Date): JP 7929710 A 19790314; JP 7029710 A 19700314

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 87015041	B		2		

... comprises laying water- holding heat insulative material in tank and burying roots of plants in culturing medium (J5 20.9.80)

...Abstract (Basic): Preserving young plants or eulalia with ground roots comprises laying a water- holding heat insulative material e.g. sawdust in the bottom of tank, burying the roots of plants in a culturing medium laid on that material and covering the plants with material...

8/3,K/60 (Item 10 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2006 Thomson Derwent. All rts. reserv.

003504250

WPI Acc No: 1982-52225E/198225

Air drop seedling planting unit - has seedling and growing medium in open-top cone of compressed polyurea-polyformaldehyde powder

Patent Assignee: ARNOLD R L (ARNO-I)

Inventor: ARNOLD R L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4333265	A	19820608				198225 B

Priority Applications (No Type Date): US 80129925 A 19800313

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4333265	A		13		

...Abstract (Basic): Unit comprises a hollow airfoil body of water-insol. material degradable by soil bacteria and holding a seedling with its roots in growing medium and its upper part free at the body open end...

8/3,K/61 (Item 11 from file: 351)

DIALOG(R)File 351:Derwent WPI

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

Edition: Morning Final Section: Local Page: 1B  
Word Count: 850

... It hardens on the inside of the pipe and reduces the volume of flow. Also, tree roots frequently invade the sewer looking for moisture, and these fine hair roots can also trap material and cause a stoppage.

Q

How often is a backup into nearby homes and businesses...

8/3,K/82 (Item 2 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
(c) 2006 San Jose Mercury News. All rts. reserv.

04565504  
OH, DEER! BAD SMELLS, LOUD NOISES -- WILL ANYTHING SCARE OFF BEASTS WHO  
FORAGE IN THE FLOWERS?  
SAN JOSE MERCURY NEWS (SJ) - Thursday, August 18, 1988  
By: JOAN JACKSON, Mercury News Garden Editor  
Edition: Morning Final Section: Garden Page: 1D  
Word Count: 1658

... ruin lawns and landscaping; feeds on roots of trees, shrubs, and garden plants; gnaws on plastic irrigation pipe and underground cable.

Use strychnine-treated baits; use gas cartridges; set traps ; use 1/2-inch mesh wire buried underground to protect bulb plantings; flood the burrows  
...

8/3,K/83 (Item 1 from file: 641)  
DIALOG(R)File 641:Rocky Mountain News  
(c) 2006 Scripps Howard News. All rts. reserv.

11174018  
NIPPING WEEDS' TAKEOVER PLOT IN THE BUD  
Rocky Mountain News (RM) - Saturday, June 23, 2001  
By: Dale Langford Special to the Rocky Mountain News  
Edition: Final Section: Home Front Page: 5F  
Word Count: 593

...and thistles. Banvel will take a week or more to work, but when it takes hold , weeds die fast. It's important to keep this material from under the drip line of shrubs and trees. Remember, it works on roots.

Aerosol...

8/3,K/84 (Item 1 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2006 Dialog. All rts. reserv.

0005145745 \*\*IMAGE Available  
Derwent Accession: 2003-370785  
Apparatus and methods for controlling insects in buildings and agricultural uses  
Inventor: Jerman Stein, INV  
Earl Tryon, INV

Lehman EIC 3600 2-3496 KNX 4B68



10/075096

Correspondence Address: ALSTON & BIRD LLP BANK OF AMERICA PLAZA, 101 SOUTH  
TRYON STREET, SUITE 4000, CHARLOTTE, NC, 28280-4000, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20020197295	A1	20021226	US 2002158605	20020530
CIP	ABANDONED			US 99397272	19990916

Fulltext Word Count: 13307

Summary of the Invention:

...that the plants are ~~fire ant free~~. To combat this problem, the invention provides a container for plants comprising a polymer material shaped to define at least one receptacle for holding soil and a root system of a plant, the polymer material being impregnated throughout with an insecticide of the pyrethroid family. The insecticide is preferably permethrin...

8/3,K/85 (Item 2 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2006 Dialog. All rts. reserv.

0005018940 \*\*IMAGE Available  
Derwent Accession: 2002-598525  
Tree seedling plug and method of making same  
Inventor: Norman Pelton, INV  
Correspondence Address: OYEN, WIGGS, GREEN & MUTALA 480 - THE STATION, 601  
WEST CORDOVA STREET, VANCOUVER, BC, V6B 1G1, CA

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20020073616	A1	20020620	US 2000738766	20001218

Fulltext Word Count: 3965

Description of the Invention:

...seedling 22 (FIG. 4) have sufficiently developed to transplant as a miniplug 24, since the Fibre -neth 26 holds the growing medium 28 together, and provides a net 26 into which the tree roots can intertwine. The mini-trays 12 are then "gapped". A scanner (e.g. model no ...

8/3,K/86 (Item 3 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2006 Dialog. All rts. reserv.

4527228  
Derwent Accession: 1999-229360  
Utility  
M/ Vegetation strip  
Inventor: Behrens, Wolfgang, Trespenmoor 1, Gross Ippener, DE, D-27243  
Assignee: Unassigned  
Unassigned Or Assigned To Individual (Code: 68000)

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

Examiner: Poon, Peter M. (Art Unit: 363)  
Assistant Examiner: Nguyen, Son T.  
Law Firm: Collard & Roe, PC

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6250010	A	20010626	US 99297599	19990504
PCT	WO 9913703		19990525	WO 98DE2638	19980903
			371:19990504		
			102e:19990504		
Priority				DE 19740682	19970916

Fulltext Word Count: 2186

Summary of the Invention:

...the plant parts. The porous substrate arranged beneath the structured mat, usually made of coconut fibers, rock wool, textile fibers or suitable materials, serves to store water, provide drainage and a hold for the roots of the plants and as a dividing layer for particles that can be washed away...

8/3,K/87 (Item 4 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2006 Dialog. All rts. reserv.

4493814 \*\*IMAGE Available  
Derwent Accession: 1996-116695

Utility

M/ Plant growth sheet structure, natural turf sheet structure, method of growing turf and method of laying turf sheet structure

Inventor: Ishikawa, Yoshio, Kishiwada, JP  
Fukumoto, Hiroaki, Kitakatsuragi, JP.  
Hirasawa, Toshimasa, Tokyo, JP  
Hatado, Tatsuo, Tokyo, JP  
Taga, Akira, Tokyo, JP  
Yamada, Kaoru, Tokyo, JP

Assignee: Otsuka Kagaku Kabushiki Kaisha(03), Osaka, JP  
Maedakensetsukogyo Kabushiki Kaisha(03), Tokyo, JP  
Maedakensetsukogyo K K JP  
Otsuka Chemical Co Ltd JP (Code: 04543)

Examiner: Lankford, Jr., Leon B. (Art Unit: 161)  
Law Firm: Arent Fox Kintner Plotkin & Kahn

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6219965	A	20010424	US 97615247	19970715
PCT	WO 9603027		19970208	WO 95JP1451	19950721
			371:19970715		
			102e:19970715		
Priority				JP 94192021	19940723
				JP 94300896	19941205
				JP 94300897	19941205

Fulltext Word Count: 20895

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

Summary of the Invention:

...protection of the sowed plant seeds or the plant seeds held at the plant seed holding layer, sprouts and roots growing from the seeds, and grown plants. The fiber member may be formed of a single fiber, a bundle of a plurality of fibers...

8/3,K/88 (Item 5 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2006 Dialog. All rts. reserv.

4474470

Derwent Accession: 2001-218012

Utility

CERTIFICATE OF CORRECTION

M/ Plant-growing method and apparatus

Inventor: Reiger, Ralph E., 7505 N. Broadway, Oklahoma City, OK, 73116

Assignee: Unassigned

Unassigned Or Assigned To Individual (Code: 68000)

Examiner: Carone, Michael J. (Art Unit: 363)

Assistant Examiner: Downs, Joanne C.

Law Firm: McAfee & Taft

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6202348	A	20010320	US 98102613	19980622
Continuation	US 5799251	A		US 96691442	19960802
Continuation	Abandoned			US 95384969	19950207
CIP	US 5768825	A		US 97907281	19970806

Fulltext Word Count: 6004

Summary of the Invention:

...employed in an attempt to accomplish the required plant care has been to place the plants in holding bins where the root balls are surrounded and covered by some type of mulching material (sawdust, wood chips, etc.) The mulching material holds the moisture and prevents drying of the root balls. The primary problems associated with this...

...the burlap rots away and the root ball begins to deteriorate necessitating reburlapping with new material to hold the root balls together, and when the plants come out of dormancy (springtime), the leaves, stems and roots start new growth. The new...

8/3,K/89 (Item 6 from file: 654)  
DIALOG(R)File 654:US Pat.Full.  
(c) Format only 2006 Dialog. All rts. reserv.

4427404 \*\*IMAGE Available

Derwent Accession: 1995-036491

Utility

C/ Phytoremediation of metals

; DEMETALLIZATION OF A SOIL ENVIRONMENT CONTAINING TOXIC METALS BY PLANTING AT LEAST ONE PLANT, E.G. FAMILY BRASSICACEAE, AND MANIPULATING ITS GROWTH SO THE ROOTS WILL ABSORB THE METALS; HARVESTING THE PLANTS; ADDING A CHELATING AGENT TO THE SOIL

Inventor: Raskin, Ilya, Manalapan, NJ

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

traction of the soil through...

? show files;ds

File 5:Biosis Previews(R) 1969-2006/Mar W1  
(c) 2006 BIOSIS

File 9:Business & Industry(R) Jul/1994-2006/Mar 08  
(c) 2006 The Gale Group

File 16:Gale Group PROMT(R) 1990-2006/Mar 09  
(c) 2006 The Gale Group

File 20:Dialog Global Reporter 1997-2006/Mar 09  
(c) 2006 Dialog

File 24:CSA Life Sciences Abstracts 1966-2006/Jan  
(c) 2006 CSA.

File 34:SciSearch(R) Cited Ref Sci 1990-2006/Feb W4  
(c) 2006 Inst for Sci Info

File 47:Gale Group Magazine DB(TM) 1959-2006/Mar 08  
(c) 2006 The Gale group

File 50:CAB Abstracts 1972-2006/Jan  
(c) 2006 CAB International

File 71:ELSEVIER BIOBASE 1994-2006/Mar W1  
(c) 2006 Elsevier Science B.V.

File 88:Gale Group Business A.R.T.S. 1976-2006/Mar 02  
(c) 2006 The Gale Group

File 98:General Sci Abs 1984-2004/Dec  
(c) 2005 The HW Wilson Co.

File 103:Energy SciTec 1974-2006/Feb B2  
(c) 2006 Contains copyrighted material

File 104:AeroBase 1999-2006/Jan  
(c) 2006 Contains copyrighted material

File 141:Readers Guide 1983-2004/Dec  
(c) 2005 The HW Wilson Co

File 144:Pascal 1973-2006/Feb W2  
(c) 2006 INIST/CNRS

File 148:Gale Group Trade & Industry DB 1976-2006/Mar 08  
(c)2006 The Gale Group

File 155:MEDLINE(R) 1951-2006/Mar 08  
(c) format only 2006 Dialog

File 194:FBODaily 1982/Dec-2006/Dec  
(c) format only 2006 Dialog

File 203:AGRIS 1974-2006/Nov  
Dist by NAL, Intl Copr. All rights reserved

File 211:Gale Group Newsearch(TM) 2006/Mar 08  
(c) 2006 The Gale Group

File 250:ONTAP(R) CAB Abstracts  
(c) 2004 CAB INTERNATIONAL

File 292:GEOBASE(TM) 1980-2006/Feb W4  
(c) 2006 Elsevier Science Ltd.

File 323:RAPRA Rubber & Plastics 1972-2006/Feb  
(c) 2006 RAPRA Technology Ltd

File 324:German Patents Fulltext 1967-200552  
(c) 2006 Univentio

File 340:CLAIMS(R)/US Patent 1950-06/Mar 07  
(c) 2006 IFI/CLAIMS(R)

File 342:Derwent Patents Citation Indx 1978-05/200614  
(c) 2006 Thomson Derwent

File 347:JAPIO Nov 1976-2005/Nov(Updated 060302)  
(c) 2006 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2006/Feb W04  
(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20060302,UT=20060223

10/075096

(c) 2006 WIPO/Univentio  
File 351:Derwent WPI 1963-2006/UD,UM &UP=200616  
(c) 2006 Thomson Derwent  
File 433:Charleston Newspapers 1997-2006/Mar 08  
(c) 2006 Charleston Newspapers  
File 440:Current Contents Search(R) 1990-2006/Mar 09  
(c) 2006 Inst for Sci Info  
File 471:New York Times Fulltext 1980-2006/Mar 09  
(c) 2006 The New York Times  
File 477:Irish Times 1999-2006/Mar 09  
(c) 2006 Irish Times  
File 483:Newspaper Abs Daily 1986-2006/Mar 07  
(c) 2006 ProQuest Info&Learning  
File 484:Periodical Abs Plustext 1986-2006/Mar W1  
(c) 2006 ProQuest  
File 488:Duluth News-Tribune 1995-2006/Mar 08  
(c) 2006 Duluth News-Tribune  
File 489:The News-Sentinel 1991-2006/Mar 08  
(c) 2006 Ft. Wayne Newspapers, Inc  
File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06  
(c) 2002 Phoenix Newspapers  
File 494:St LouisPost-Dispatch 1988-2006/Mar 08  
(c) 2006 St Louis Post-Dispatch  
File 619:Asia Intelligence Wire 1995-2006/Mar 08  
(c) 2006 Fin. Times Ltd  
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Mar 08  
(c) 2006 The Gale Group  
File 631:Boston Globe 1980-2006/Mar 08  
(c) 2006 Boston Globe  
File 633:Phil.Inquirer 1983-2006/Mar 07  
(c) 2006 Philadelphia Newspapers Inc  
File 634:San Jose Mercury Jun 1985-2006/Mar 08  
(c) 2006 San Jose Mercury News  
File 636:Gale Group Newsletter DB(TM) 1987-2006/Mar 08  
(c) 2006 The Gale Group  
File 641:Rocky Mountain News Jun 1989-2006/Mar 09  
(c) 2006 Scripps Howard News  
File 654:US Pat.Full. 1976-2006/Mar 07  
(c) Format only 2006 Dialog  
File 701:St Paul Pioneer Pr Apr 1988-2006/Feb 26  
(c) 2006 St Paul Pioneer Press  
File 702:Miami Herald 1983-2006/Mar 08  
(c) 2006 The Miami Herald Publishing Co.  
File 704:(Portland)The Oregonian 1989-2006/Mar 08  
(c) 2006 The Oregonian  
File 707:The Seattle Times 1989-2006/Mar 08  
(c) 2006 Seattle Times  
File 709:Richmond Times-Disp. 1989-2006/Mar 04  
(c) 2006 Richmond Newspapers Inc  
File 713:Atlanta J/Const. 1989-2006/Mar 09  
(c) 2006 Atlanta Newspapers  
File 714:(Baltimore) The Sun 1990-2006/Mar 09  
(c) 2006 Baltimore Sun  
File 716:Daily News Of L.A. 1989-2006/Mar 08  
(c) 2006 Daily News of Los Angeles  
File 718:Pittsburgh Post-Gazette Jun 1990-2006/Mar 09  
(c) 2006 PG Publishing  
File 720:(Columbia) The State Dec 1987-2006/Mar 08  
(c) 2006 The State

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

File 722:Cincinnati/Kentucky Post 1990-2006/Feb 02

(c) 2006 The Cincinnati Post

File 725:(Cleveland)Plain Dealer Aug 1991-2006/Mar 08

(c) 2006 The Plain Dealer

Set	Items	Description
S1	238	(ROOT OR ROOTS) (5N) (TRAP? OR CAPTURE? OR HOLD? OR BIND?) (5-N) (PLANTS OR TREE OR FLOWERS OR SEEDLING? OR ROSES OR BUSHES - OR SHRUBS) (5N) (MATERIAL OR FABRIC OR CLOTH OR PLASTIC OR POYESTER OR POLYPROPYLENE OR FIBER OR FIBRE OR FIBERS)
S2	212	RD (unique items)
S3	40	S2/2004:2005
S4	172	S2 NOT S3
S5	145	S4 (15N) (TRAP? OR HOLD? OR CONTAIN?)
S6	5	S5 (10N) (IMPENETRAB? OR IMPERMEA?)
S7	17	S5/2003
S8	128	S5 NOT S7
S9	4	S8 (7N) LAYER?
?		

10/075096

On grades of 200 or more, the company used...

? show files;ds

File 5:BIOSIS Previews(R) 1969-2006/Feb W4  
(c) 2006 BIOSIS

File 6:NTIS 1964-2006/Feb W3  
(c) 2006 NTIS, Intl Cpyrght All Rights Res

File 10:AGRICOLA 70-2006/Mar  
(c) format only 2006 Dialog

File 24:CSA Life Sciences Abstracts 1966-2006/Jan  
(c) 2006 CSA.

File 28:Oceanic Abstracts 1966-2006/Jan  
(c) 2006 CSA.

File 34:SciSearch(R) Cited Ref Sci 1990-2006/Feb W4  
(c) 2006 Inst for Sci Info

File 50:CAB Abstracts 1972-2006/Jan  
(c) 2006 CAB International

File 64:Environmental Engineering Abstracts 1966-2006/Feb  
(c) 2006 CSA.

File 65:Inside Conferences 1993-2006/Mar 09  
(c) 2006 BLDSC all rts. reserv.

File 94:JICST-EPlus 1985-2006/Dec W2  
(c)2006 Japan Science and Tech Corp(JST)

File 98:General Sci Abs 1984-2004/Dec  
(c) 2005 The HW Wilson Co.

File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Feb  
(c) 2006 The HW Wilson Co.

File 143:Biol. & Agric. Index 1983-2006/Feb  
(c) 2006 The HW Wilson Co

File 144:Pascal 1973-2006/Feb W2  
(c) 2006 INIST/CNRS

File 203:AGRIS 1974-2006/Nov  
Dist by NAL, Intl Copr. All rights reserved

File 235:AGROProjects 1990- 2005/Q4  
(c) 2005 Informa UK Ltd

File 266:FEDRIP 2005/Dec  
Comp & dist by NTIS, Intl Copyright All Rights Res

File 306:Pesticide Fact File 2003/Sep  
(c) 2003 BCPC

File 357:Derwent Biotech Res. \_1982-2006/Mar W1  
(c) 2006 Thomson Derwent & ISI

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info

File 9:Business & Industry(R) Jul/1994-2006/Mar 08  
(c) 2006 The Gale Group

File 16:Gale Group PROMT(R) 1990-2006/Mar 09  
(c) 2006 The Gale Group

File 18:Gale Group F&S Index(R) 1988-2006/Mar 08  
(c) 2006 The Gale Group

File 19:Chem.Industry Notes 1974-2006/ISS 200609  
(c) 2006 Amer.Chem.Soc.

File 20:Dialog Global Reporter 1997-2006/Mar 09  
(c) 2006 Dialog

File 54:FOODLINE(R): Market 1979-2006/Mar 07  
(c) 2006 LFRA

File 79:Foods Adlibra(TM) 1974-2002/Apr  
(c) 2002 General Mills

File 129:PHIND(Archival) 1980-2006/Feb W4  
(c) 2006 Informa UK Ltd

File 130:PHIND(Daily & Current) 2006/Mar 09

10/075096

(c) 2006 Informa UK Ltd  
File 148:Gale Group Trade & Industry DB 1976-2006/Mar 08  
(c)2006 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 248:PIRA 1975-2006/Feb W2  
(c) 2006 Pira International  
File 285:BioBusiness(R) 1985-1998/Aug W1  
(c) 1998 BIOSIS  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Mar 08  
(c) 2006 The Gale Group  
File 635:Business Dateline(R) 1985-2006/Mar 09  
(c) 2006 ProQuest Info&Learning  
File 636:Gale Group Newsletter DB(TM) 1987-2006/Mar 08  
(c) 2006 The Gale Group

Set	Items	Description
S1	52012	IMPENETRAB? OR IMPERMEAB?
S2	1769669	ROOT OR ROOTS
S3	143718	(STOP? OR PROHIBIT? OR BLOCK? OR DETER?)(3N)GROW?
S4	15428868	TRAP? OR CAPTUR? OR HOLD? OR BIND?
S5	10089796	MATERIAL OR FABRIC OR CLOTH OR PLASTIC OR POLYESTER OR POL- YPROPYLENE OR FIBER? ? OR FIBRE?
S6	119	S4(5N)S2(5N)S5
S7	9067332	PLANTS OR TREES OR FLOWERS OR SEEDLINGS OR FLOWER OR ROSES OR BUSHES OR SHRUBS
S8	60	S6 AND S7
S9	46	RD (unique items)
S10	3	S9 AND (S1 OR BARRIER?)
S11	21	S6(S)S7
?		



10/075096

21 S6(S)S7  
? t 11/3,k/all

11/3,K/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2006 BIOSIS. All rts. reserv.

0014608936 BIOSIS NO.: 200300567655  
N capture by *Plantago lanceolata* and *Brassica napus* from organic material:  
The influence of spatial dispersion, plant competition and an arbuscular  
mycorrhizal fungus.  
AUTHOR: Hodge A (Reprint)  
AUTHOR ADDRESS: Department of Biology, University of York, Area 2, PO Box  
373, York, YO10 5YW, UK\*\*UK  
AUTHOR E-MAIL ADDRESS: ah29@york.ac.uk  
JOURNAL: Journal of Experimental Botany 54 (391): p2331-2342 October 2003  
2003  
MEDIUM: print  
ISSN: 0022-0957  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

...ABSTRACT: when grown with *Brassica* plants (by 10-fold and by more than  
half, respectively). N capture from the organic material was directly  
related to the estimated root length produced in the sections  
containing the organic material : the individual that produced the  
greatest root length captured most N. Strikingly, when the organic  
material was added as a discrete patch the N. captured by *Brassica*, a  
non-mycorrhizal species...

11/3,K/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2006 BIOSIS. All rts. reserv.

0013235513 BIOSIS NO.: 200100407352  
How plant growth regulators and biological additives influence growth in a  
preformed transplant plug  
AUTHOR: Canestrino Joel G (Reprint)  
AUTHOR ADDRESS: Grow-Tech, Inc., 20 Elderica Way, Lodi, CA, 95242, USA\*\*USA  
JOURNAL: Hortscience 36 (3): p496 June, 2001 2001  
MEDIUM: print  
CONFERENCE/MEETING: 98th Annual International Conference of the American  
Society for Horticultural Science Sacramento, California, USA July 21-25,  
2001; 20010721  
SPONSOR: American Society for Horticultural Science  
ISSN: 0018-5345  
DOCUMENT TYPE: Meeting; Meeting Abstract; Meeting Poster  
RECORD TYPE: Abstract  
LANGUAGE: English

...ABSTRACT: physical protection to tender roots during mechanical  
transplanting. The polymer binds the organic material, so plants can be  
handled earlier without the need for a fibrous root system to develop.  
Also...

11/3,K/3 (Item 1 from file: 10)

10/075096

DIALOG(R)File 10:AGRICOLA

(c) format only 2006 Dialog. All rts. reserv.

3208414 92051468 Holding Library: AGL

A plant growth system to facilitate root observations and treatments

Kendall, W.A. Leath, K.T.

USDA, ARS, U.S. Regional Pasture Research Laboratory, University Park, PA

Amsterdam : Elsevier Scientific Publishing Company.

Developments in agricultural and managed-forest ecology. 1991. v. 24 p. 597-602.

ISSN: 0166-2287 CODEN: DAMED

DNAL CALL NO: S601.D4

Language: English

Plant units were developed to provide easy, non-injurious to the roots of plants for repeated observations, treatments and measurements. The units are called "slant-boards", because the roots...

...during growth. One unit is designed to facilitate handling large numbers and/or sizes of plants in a non-sterile environment and the second unit is designed for plant growth in...

... shoot compartment that is enclosed by a polypropylene bag that extends 15 cm above the root compartment. The root compartment holds a polypropylene bag (19 X 30 cm) that contains a nutrient solution and a double wick of...

... units with nutrient solution are autoclaved. Plant culture is started with sterile, 13-day-old seedlings grown in nutrient agar in culture tubes, and the gnotobiotic cultures can be maintained for...

11/3,K/4 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2006 Inst for Sci Info. All rts. reserv.

12078367 Genuine Article#: 726JX No. References: 50

Title: N capture by *Plantago lanceolata* and *Brassica napus* from organic material: the influence of spatial dispersion, plant competition and an arbuscular mycorrhizal fungus

Author(s): Hodge A (REPRINT)

Corporate Source: Univ York, Dept Biol, Area 2, POB 373/York YO10 5YW/N  
Yorkshire/England/ (REPRINT); Univ York, Dept Biol, York YO10 5YW/N  
Yorkshire/England/

Journal: JOURNAL OF EXPERIMENTAL BOTANY, 2003, V54, N391 (OCT), P2331-2342

ISSN: 0022-0957 Publication date: 20031000

Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: when grown with *Brassica* plants (by 10-fold and by more than half, respectively). N capture from the organic material was directly related to the estimated root length produced in the sections containing the organic material: the individual that produced the greatest root length captured most N. Strikingly, when the organic material was added as a discrete patch the N captured by *Brassica*, a non-mycorrhizal species...

11/3,K/5 (Item 1 from file: 50)

10/075096

DIALOG(R)File 50:CAB Abstracts

(c) 2006 CAB International. All rts. reserv.

0008546593 CAB Accession Number: 20033212243

Al toxicity and plant nutrient uptake: a role for root cell walls, pH and organic chelators.

Postma, J.

Wageningen University, Postbus 9101 6700 HB Wageningen, Netherlands.

Al toxicity and plant nutrient uptake: a role for root cell walls, pH and organic chelators

p.169

Publication Year: 2003

Publisher: Wageningen Universiteit (Wageningen University) Wageningen, Netherlands

ISBN: 90-5808-929-0

Language: English Summary Language: Dutch Record Type: Abstract

Document Type: Thesis

... dissolution of aluminium (Al), which, in toxic concentrations, decreases growth and inhibits nutrient uptake in plants. The extent of Al toxicity depends on the ambient pH and on the presence of...

... macro- and micronutrients under different environmental conditions. Al accumulates in the root apoplast of most plants. There, it adsorbs to negative sites on the cell walls, which under normal circumstances are...

...the capacity of Al to replace Ca, Mg, Zn, Cu and Mn at cell wall binding sites, in competition experiments with isolated cell wall material from tomato roots. Both a low pH and the presence of the metal chelator citrate and EDTA strongly...

... a negative side effect of organic anion exudation as a mechanism for Al tolerance in plants.

11/3,K/6 (Item 2 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2006 CAB International. All rts. reserv.

0008505369 CAB Accession Number: 20033169085

N capture by *Plantago lanceolata* and *Brassica napus* from organic material: the influence of spatial dispersion, plant competition and an arbuscular mycorrhizal fungus.

Hodge, A.

Author email address: ah29@york.ac.uk

Department of Biology, Area 2, The University of York, PO Box 373, York YO10 5YW, UK.

Journal of Experimental Botany vol. 54 (391): p.2331-2342

Publication Year: 2003

ISSN: 0022-0957

Digital Object Identifier: 10.1093/jxb/erg249

Publisher: Oxford University Press Oxford, UK

Language: English Record Type: Abstract

Document Type: Journal article

... in mixture. However, N capture from the organic material by both individual *Plantago* and *Brassica* plants was reduced when grown with *Brassica* plants (by 10-fold and by more than half, respectively). N capture from the organic material was directly related to the estimated

10/075096

root length produced in the sections containing the organic material : the individual that produced the greatest root length captured most N. Strikingly, when the organic material was added as a discrete patch the N captured by Brassica , a non-mycorrhizal species, actually increased when the *G. mosseae* inoculum was present...

11/3,K/7 (Item 3 from file: 50)  
DIALOG(R)File 50:CAB Abstracts  
(c) 2006 CAB International. All rts. reserv.

0006163601 CAB Accession Number: 19890638009  
Protecting trees from field voles.  
Davies, R. J.; Pepper, H. W.  
Arboriculture Research Note - Department of the Environment, UK (74):  
p.3  
Publication Year: 1987  
Language: English Record Type: Abstract  
Document Type: Journal article

*Microtus agrestis* strips bark from the lower stem and roots of young trees . Small plastic guards are recommended rather than trapping , repellents, or poisoning. Weed-free trees usually suffer less damage than unweeded trees .

11/3,K/8 (Item 4 from file: 50)  
DIALOG(R)File 50:CAB Abstracts  
(c) 2006 CAB International. All rts. reserv.

0005132799 CAB Accession Number: 19820304868  
A study on capillary and hand watering systems for potted plants. II. The effects of pruning roots in the water holding material and application of hand watering on growth of pot chrysanthemums.  
Morita, M.; Higuchi, H.  
Aichi-Ken Agricultural Research Center, Nagakute, Aichi, Japan.  
Research Bulletin of the Aichi-Ken Agricultural Research Center (12):  
p.114-119  
Publication Year: 1980  
ISSN: 0388-7995  
Language: Japanese Summary Language: English Record Type: Abstract  
Document Type: Journal article

A study on capillary and hand watering systems for potted plants . II. The effects of pruning roots in the water holding material and application of hand watering on growth of pot chrysanthemums.

11/3,K/9 (Item 5 from file: 50)  
DIALOG(R)File 50:CAB Abstracts  
(c) 2006 CAB International. All rts. reserv.

0004678387 CAB Accession Number: 19781940501  
Trifoliin: A Rhizobium recognition protein from white clover.  
Dazzo, F. B.; Yanke, W. E.; Brill, W. J.  
Department of Bacteriology and Center for Studies of Nitrogen Fixation, University of Wisconsin, Madison, Wisc. 53706, USA.  
Biochimica et Biophysica Acta (G) vol. 539 (3): p.276-286

10/075096

Publication Year: 1978  
Language: English Record Type: Abstract  
Document Type: Journal article

... Antibody to purified trifoliin binds to the root hair region of 24-h-old clover seedlings , but does not bind to alfalfa, birdsfoot trefoil or joint vetch. The highest concentration of trifoliin on a clover root is at sites where material in the capsule of *R.trifolii* binds . 2-Deoxy-D-glucose elutes trifoliin from intact clover-seedling roots, suggesting that this protein...

11/3,K/10 (Item 1 from file: 98)  
DIALOG(R)File 98:General Sci Abs  
(c) 2005 The HW Wilson Co. All rts. reserv.

03297016 H.W. WILSON RECORD NUMBER: BGSA96047016 (USE FORMAT 7 FOR FULLTEXT)  
Global problems, local solutions: measuring the value of the urban forest.  
MacDonald, Lynn  
American Forests v. 102 (Autumn 1996) p. 26-9+  
SPECIAL FEATURES: il ISSN: 0002-8541  
LANGUAGE: English  
COUNTRY OF PUBLICATION: United States  
WORD COUNT: 2840

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... Sequestration--To photosynthesize and release oxygen, trees absorb carbon dioxide from the atmosphere.

Groundwater Filtration-- Trees ' hair-like root fibers help filter groundwater by trapping contaminants such as nutrients and pollutants.

Pollution Control--Tree leaves and roots act as natural...

11/3,K/11 (Item 1 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2006 INIST/CNRS. All rts. reserv.

16382279 PASCAL No.: 04-0019422  
N capture by *Plantago lanceolata* and *Brassica napus* from organic material: the influence of spatial dispersion, plant competition and an arbuscular mycorrhizal fungus  
HODGE A  
Department of Biology, Area 2, The University of York, PO Box 373, York YO10 5YW, United Kingdom  
Journal: Journal of Experimental Botany, 2003, 54 (391) 2331-2342  
Language: English

Copyright (c) 2004 INIST-CNRS. All rights reserved.

... when grown with *Brassica* plants (by 10-fold and by more than half, respectively). N capture from the organic material was directly related to the estimated root length produced in the sections containing the organic material : the individual that produced the greatest root length captured most N. Strikingly, when the organic material was added as a discrete patch the N captured by *Brassica*, a non-mycorrhizal species...

10/075096

11/3,K/12 (Item 1 from file: 203)  
DIALOG(R)File 203:AGRIS  
Dist by NAL, Intl Copr. All rights reserved. All rts. reserv.

00816176 AGRIS No: 733004

A study on capillary and hand watering systems in potted plants: The effects of root pruning in the water holding material for capillary watering and application of hand watering on growth of pot-mum [Chrysanthemum]

Morita, M.; Higuchi, H. (Aichi-ken. Agricultural Research Center, Nagakute (Japan))

Journal: Research Bulletin of the Aichi-ken Agricultural Research Center, Oct 1980, (no.12) p. 114-119

Language: Japanese Summary Language: English

A study on capillary and hand watering systems in potted plants : The effects of root pruning in the water holding material for capillary watering and application of hand watering on growth of pot-mum [Chrysanthemum]

11/3,K/13 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2006 The Gale Group. All rts. reserv.

01931113 Supplier Number: 25403230 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
VW gears up for van data

(Volkswagen Commercial Vehicles is planning targeted campaigns to home delivery, printing, electrical/industrial wholesalers, and car dealer franchise sectors for vans)

Precision Marketing, p 2

August 23, 1999

DOCUMENT TYPE: Journal ISSN: 0955-0836 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 226

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...depth of its database with the addition of third-party information, such as finance, and material generated from Internet enquiries.

A root and branch overhaul of data capturing technology, from Volkswagen manufacturing plants to dealerships in the field, will lead to the standardisation of data at all points...

11/3,K/14 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2006 The Gale Group. All rts. reserv.

06588848 Supplier Number: 55557121 (USE FORMAT 7 FOR FULLTEXT)

VW gears up for van data.

Precision Marketing, p2(1)

August 23, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 235

10/075096

... depth of its database with the addition of third-party information, such as finance, and material generated from Internet enquiries. A root and branch overhaul of data capturing technology, from Volkswagen manufacturing plants to dealerships in the field, will lead to the standardisation of data at all points...

11/3,K/15 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

43722017 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
URBAN GARDENER Weed wars  
ELSPETH THOMPSON  
SUNDAY TELEGRAPH (UNITED KINGDOM), p001  
July 31, 2005  
JOURNAL CODE: FSTL LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1024

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... your fingers in the gel and stroke it liberally over the leaves. Some gardeners line plastic bags with the chemical and wrap these round the foliage. Bindweed roots are best burned, unless your compost heap is hot enough to consume them.

READER OFFER...

11/3,K/16 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

38855911 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Gardens: weekend work  
Anna Pavord  
INDEPENDENT  
November 06, 2004  
JOURNAL CODE: FIND LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 352

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... have a lot of wind resistance and tend to rock when it blows, so that roots find it difficult to take hold. Hessian or doubled-over plastic netting is better than a solid screen.

There is still time to lay new turf...

11/3,K/17 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

13411383 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Country & Garden: Weekend Work  
INDEPENDENT  
October 21, 2000  
JOURNAL CODE: FIND LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 243

Lehman EIC 3600 2-3496 KNX 4B68

10/075096

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... side. Evergreens have a lot of wind resistance and rock when it blows, so that roots find it difficult to get a hold. Hessian or doubled-over plastic netting is better than a solid screen.

LAY NEW turf as long as the ground...

11/3,K/18 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

06972249 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
VW gears up for van data  
PRECISION MARKETING, p2  
August 23, 1999  
JOURNAL CODE: FPM LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 234

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... from Internet enquiries.

A root and branch overhaul of data capturing technology, from Volkswagen manufacturing plants to dealerships in the field, will lead to the standardisation of data at all points...

11/3,K/19 (Item 5 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

01547310 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Profit from growing trees (High demand from developers)  
WILLIAM A. DE LANGE, JR.  
BUSINESSWORLD (PHILIPPINES)  
May 04, 1998  
JOURNAL CODE: FBWP LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 605

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... done by digging an 80-centimeter trench around the base of the tree. Jute or plastic sacks are then used to hold the soil and root system together.

The trees are harvested during the rainy season. In balling the tree, the...

11/3,K/20 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

09157612 SUPPLIER NUMBER: 18941794 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Global problems, local solutions: measuring the value of the urban forest.  
MacDonald, Lynn  
American Forests, v103, n4, p26(5)  
Autumn, 1996  
ISSN: 0002-8541 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

Lehman EIC 3600 2-3496 KNX 4B68



10/075096

WORD COUNT: 2737 LINE COUNT: 00226

... and release oxygen, trees absorb carbon dioxide from the atmosphere.

Groundwater Filtration - Trees' hair-like root fibers help filter groundwater by trapping contaminants such as nutrients and pollutants.

Pollution Control - Tree leaves and roots act as natural...

11/3,K/21 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

05130053 SUPPLIER NUMBER: 10471663 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Arkla's environmental efforts attract attention. (Arkla Energy Resources' new natural gas pipeline receives environmental awards from U.S. Fish and Wildlife Service and Nature Conservancy)  
Oil and Gas Journal, v89, n6, p50(2)  
Feb 11, 1991  
ISSN: 0030-1388 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1287 LINE COUNT: 00101

... two to three rows deep.

Additionally, a woven straw fabric was used on slopes to hold the soil in place until revegetation plants take root .

The fabric degrades naturally in 1-2 years.

On grades of 200 or more, the company used...

?